

PTO Substitute for form 3449A/PTO OCT 30 2007 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	1	of	34	Attorney Docket Number	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/SK/		3,462,622		Cann et al.	08-1969	
		4,000,036		Ensley	12-1976	
		4,095,118		Rathbun	06-1978	
		4,149,931		Christensen	04-1979	
		4,353,871		Bartilt, et al.	10-12-1982	
		4,464,990		Bendler	08-14-1984	
		4,488,490		Betts	12-18-1984	
		4,694,755		Ibarra	10-22-1987	
		4,792,725		Levy et al.	12-1988	
		5,273,635		Gernert	12-28-1993	
		5,449,434		Hooke et al.	09-1995	
		5,577,090		Moses	11-1996	
		5,669,975		Ashtiani	09-1997	
		5,761,481		Kadoch et al.	06-1998	
		5,789,744		Spence, et al.	08-04-1998	
		5,801,971		Ohta	09-1998	
		5,819,073		Nakamura	10-1998	
		5,838,760		Moses	11-1998	
/SK/		5,864,322		Pollon et al.	01-1999	

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	2	of	34	Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY ²	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
/SK/		5,883,005		Minton et al.	03-1999	
		5,888,414		Collins et al.	03-1999	
		5,969,470		Druz et al.	10-1999	
		6,024,935		Mills, et al.	02-15-2000	
		6,064,154		Crouch et al.	05-2000	
		6,149,829		Takamatsu et al.	11-2000	
		6,150,755		Druz et al.	11-2000	
		6,151,532		Barone et al.	11-2000	
		6,444,137		Collins et al.	09-2002	
		6,551,939		Takamatsu et al.	04-2003	
		6,579,465		Takamatsu et al.	06-2003	
		6,690,705		Maksimov et al.	02-2004	
		7,188,033		Mills	03-06-2007	
		2001/0007725		Faris et al.	07-2001	
		2001/0008803		Takamatsu et al.	07-2001	
↓		2002/0133326		Chung et al.	09-2002	
/SK/		4,202,004		Anderson	05-1980	

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	3	of	34	Attorney Docket Number	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/SK/		WO	99/05735	A1	Mills	03-04-1999		
		WO	99/26078	A1	Mills	5-27-1999		
		WO	99/34322	A1	Mills	7-8-1999		
		WO	99/35698	A3	Mills	07-15-1999		
		WO	00/07931	A1	Mills	02-17-2000		
		WO	00/07932	A2	Mills	2-17-2000		
		WO	00/25320	A1	Davies	05-04-2000		
		WO	01/095944	A2	Mills	12-20-2001		
		WO	01/18948	A1	Mills	3-15-2001		
		WO	01/21300	A2	Mills	03-29-2001		
		WO	01/22472	A2	Mills	3-29-2001		
↓		WO	01/70627	A3	Mills	08-27-2001		
/SK/		WO	02/08787	A2	De Geus	01-31-2002		

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (Modified)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/008,947
				Filing Date	01/20/1998
				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Kalafut
Sheet	4	of	34	Attorney Docket Number	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/SK/		WO	02/087291	A2	Mills	10-31-2002		
		WO	02/088020	A2	Mills	11-7-2002		
		WO	02/16956	A1	Mills	2-28-2002		
		WO	03/093173	A2	Mills	11-13-2003		
		WO	03/066516	A2	Mills	8-14-2003		
		WO	04/092058	A2	Mills	10-28-2004		
		WO	05/041368	A2	Mills	10-6-2005		
		WO	05/067678	A2	Mills	7-28-2005		
		WO	2005/116630	A1	Mills	12-08-2005		
		WO	2007/051078	A1	Mills	05-03-2007		
		WO	2007/053486	A1	Mills	05-10-2007		
↓		GB	2 343 291		Lloyd Wise, Tregear & Co.	05-13-2000		
/SK/		JP	2002008892A		Shimazu	01-2002		

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
-----------------------	-------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	5	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		S. Aaronson, "Hydrino Theory: Which Overturns Quantum Theory, Is in Turn Overturned by Doofusino Theory," < http://www.scottaaronson.com/writings/doofusino.html > (no date)	
/SK/		"Atomic Physics Progress Report 1995-1996" (internet page) atompc2.fysik.lth.se/AFDOCS/Progrep956/contents.asp (author and date unknown)	
/SK/		"Atomic Spectroscopy" (internet page) physics.nist.gov/Pubs/AtSpec/node20.html (author and date unknown)	
/SK/		Baard, Erik. "The Empire Strikes Back." <i>The Village Voice</i> , April 26-May 2, 2000	
/SK/		Baard, Erik. "Quantum Leap." <i>The Village Voice</i> , Dec 22-28, 1999.	
		Baard, Erik. "Researcher Claims Power Tech That Defies Quantum Theory." <i>Dow Jones Newswires</i>, Oct 6, 1999. (cited in paper no. 25)	
/SK/		Baard, Erik, "Hydrino Theorist Gets Nod From NASA-Funded Investigation Eureka?", <i>The Village Voice</i> , Dec. 6, 2002	
/SK/		R. W. Bass, "Email from Bob Bass to Randell Mills," August 6, 2000.	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	6	of	34	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		"The Biggest Venture Capital Conference of the Year is Quickly Approaching," Special to Evening Bulletin 09/29/2006, < http://www.theeveningbulletin.com/site/news.cfm?newsid=17263371&BRD=2737&PAG=461&dept_id=57636&rfi=6 > (Sept 2006)	
/SK/		"Blacklight Power - do they have something significant?" (internet page) www.phact.org/e/blkp.htm (author and date unknown)	
/SK/		Blacklight Power, Inc., "Second Shareholder Newsletter '97" < http://web.archive.org/web/19980212141859/blacklightpower.com/sharenews2.html > (Oct 1997)	
/SK/		Blochinzew, <i>Grundlagen Der Quantenmechanik</i> , Veb Deutscher Verlag Der Wissenschaften, 1967 (no month)	
/SK/		Brewer, Shelby T. Book review of "The grand Unified Theory of Classical Quantum Mechanics (Hardcover) by Randell L., Dr. Mills." (internet page) http://www.amazon.com/gp/product-description/0963517139/ref=dp_proddesc_0/103-5711659-8507030 (date unknown)	
		Carolina, et al. "Effect of Dielectric Constant, Cavities in Series and Cavities in Parallel on the Product Distribution of the Oligomerization of Methane via Microwave Plasmas." <i>J. Phys. Chem.</i>, Vol 100, 1996, pp. 17866-17872. (cited in paper no. 36 as "Dery et al.")	
		Chemistry Course Listings in MIT OpenCourseWare. MIT 2003. http://ocw.mit.edu/Ocw/Web/Chemistry/index.htm	
		"The Chemistry of Halogens," http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch10/group7.html	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	7	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		CiteSeer, "Citations: Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Hydrogen Energy 26 (4) 2001, pg. 309-326 < http://citeseer.ist.psu.edu/comtext/1749692/449101 > (no month)	
		Gollins, "Selling the Free Lunch," Scientific American, (Nov, 2002)	
		Conrado, et. al. "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", Plasma Sources Science and Technology, submitted. (cited in paper no. 36)	
/SK/		Conversion Table cgs/SI-Units. www.plasmaphysics.org.uk/convers.htm (no date)	
/SK/		Directory: Blacklight Power, From PESWiki "A Top 100 Energy Technology," < http://peswiki.com/index.php/Directory:Blacklight_Power > (no date)	
/SK/		Durr, et. al. "Origin of quantum-mechanical complementarity probed by a 'which-way' experiment in an atom interferometer." <i>Nature</i> , Vol 395, September 3, 1998, pp. 33-37.	
/SK/		EarthTech Reports, http://www.earthtech.org/experiments/blp/prelim.html (Dec 1997)	
/SK/		EarthTech Reports, http://www.earthtech.org/experiments/mills/mills1.html "Attempt to Observe Excess Heat in a Ni-H ₂ O-K ₂ CO ₃ Electrolysis System-9OCT97" (Oct 1997)	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
Examiner Name	Kalafut				
Sheet	8	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Evans Analytical Group, http://www.cca.com/tech.htm#esca1 (no date)	
/SK/		EVANS Analytical Group. Product Descriptions: Time-of-Flight Secondary Mass Spectrometry (TOF-SIMS) and X-Ray Photoelectron Spectroscopy (XPS) Electron Spectroscopy for Chemical Analysis (ESCA). (no date or author listed)	
		E-mail to Examiner Wayner from Jeffrey A. Simonauer	
/SK/		Fan et al., "X-ray photoelectron spectroscopy studies of CVD diamond films", <i>Surface and Interface Analysis</i> , 34:703-707, 2002 (no month)	
/SK/		Fischer. "Die optische Absorption der U ₂ -Zentren in Alkalihalogenidkristallen", <i>Zeitschrift für Physik</i> , Vol 131, 1952, pp. 488-504. (no month)	
/SK/		M. Fowler, "The Lorentz Transformation," UVA Physics 252, < http://galileo.phys.virginia.edu/classes/252/lorentztrans.html > (no date)	
		Fuchs and Peres. "Quantum Theory Needs No 'Interpretation'." <i>Physics Today</i>, March 2000, p. 70.	
/SK/		Gulyaev "Gigantic Atoms in Space" (internet page) www.astronomy.org.nz/events/month...reviews/2001/gigantic_atoms_in_space.htm (date unknown)	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	9	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Hansen, et. al. "Faradaic efficiencies less than 100% during electrolysis of water can account for excess heat in 'cold fusion' cells," J. of Physical Chem., Vol. 99, No. 18 (1997) pp. 6970-6979 (Paper I). (cited in paper no. 25)	
/SK/		The Harvard Crimson News: Academics Question the Science Behind Blacklight Power, Inc. < http://www.the.crimson.com/printerfriendly.aspx?ref=100939 > (Oct 2007)	
		He II in Solar Spectrum	
/SK/		Hines, "Scientific Mistakes: N-rays and Polywater", <i>Pseudoscience and the Paranormal</i> , Prometheus Books, 1988, pp. 8-13 (no month)	
		http://omm.hut.fi/optics/t_0/2004/monnot/spectroscopy.pdf	
		http://hyperphysics.phy.ast.gsu.edu/hbase/kinetic/molke.htm	
		"Hydrino Theory," <http://en.wikipedia.org/wiki/hydrino_theory>	
/SK/		"The Hydrogen Atom," < http://www.physics.nmt.edu/~raymond/classes/ph13xbook/node208.html > (no date)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	10	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Hydrogen News 1999 < http://www.ch2bc.org/bulletin/bulletin19991112.htm > (Nov 1999)	
/SK/		INRS-Energie at Materiaux XPS facility, http://goliath.inrs-ener.quebec.ca/tour/ (no date)	
/SK/		Johansson, et. al. "A Model for the origin of the anomalous and very bright UV lines of FE II in gaseous condensations of the star η Carinae" <i>Astronomy & Astrophysics</i> . Volume 378 (2001) pp.266-278. (no month)	
/SK/		Judge, "SHE-2 Latest Solar EUV Measurements"(internet page) www.usc.edu/dept/space_science/seh2data.htm , August 18, 1997	
		Karabut, et. al. "Nuclear Product...Deuterium." <i>Physics Letters A</i> 170, 1992, pp. 265-272. (cited in paper no. 12)	
		Korpus and Porter, <i>Atoms and Molecules: An Introduction for Students of Physical Chemistry</i>, The Benjamin/Cummings Publishing Company, Menlo Park, California, 1970, p. 3, 118-123. (cited in 1449 of 8/7/2002)	
		Keefer, Ph.D., "Interim Report on BlackLight Power Technology: Its Apparent Scientific Basis, State of Development and Suitability for Commercialization by Liebert Corporation." (cited in paper no. 36)	
		Kroyce, et. al. "A Critical Analysis of Electrochemical Nuclear Fusion Experiments." <i>J. Electroanal. Chem.</i>, Vol 266, 1989, pp. 437-450. (cited in paper no. 12)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	11	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Marchese et. al. "The BlackLight Rocket Engine." Phase I Final Report, Rowan University, Glassboror, NJ. May1-November 30, 2002, available at www.niac.usra.edu/files/studies/finalreport. also available at http://engineering.rowan.edu/~marchese/ (cited in paper no. 20060129)	
/SK/		"Material Hardness," http://www.calce.umd.edu/general/facilities/hardness ad .htm (no date)	
/SK/		Mayo, et. al. "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Micro distributed Power Applications", <i>IEEE Transactions on Plasma Science</i> , submitted. (no date)	
		NIST, "Atomic Spectroscopy – Spectral Line Shapes, etc.," available at: http://physics.nist.gov/Pubs/At Spec/node20.html/ (also cited on page 5)	
		NIST's Physical Reference Datasheet, "Energy Levels of Hydrogen and Deuterium," URL http://physics.nist.gov/PhysRefData/HDEL/index.html	
/SK/		Odenthal et al., "The Zeeman Splitting of the 5876 Å Helium Line Studied by Means of a Turnable Dye Laser", <i>Physica</i> , pp. 203-216, 1982 (no month)	
		Park, Robert L. "Perpetual Motion: Still Going Around." <i>Washington Post</i>, January 12, 2000, pg H03. (cited in paper no. 20041114)	
		Park, "Patent Nonsense, Court Denies BlackLight Power Appeal," <i>What's New</i>, September 6, 2002, available at www.aps.org.wn/wn02/wn090602.html. (cited in paper no. 20041114)	
/SK/		Park, <i>What's New</i> , Friday 03/17/2006	
Examiner Signature	/Stephen Kalafut/		Date Considered
			12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	12	of	34	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Park, What's New, Friday 01/13/2006	
/SK/		Park, What's New, Friday 04/26/1991	
		Phillips, et. al. "Additional Colorimetric Examples of Anomalous Heat From Physical Mixture of K/Carbon and PD/Carbon." Consulting Report, Jan 1996. (cited in 1449 of 8/7/2002)	
		Plasmaphysics.org. Conversion Table: egs/CI units. (internet page) www.plasmaphysics.org.uk/convers.htm. (no author or date listed) (also cited on page 7)	
		Platt, Charles. "Testing the Current." Washington Post. June 25, 2000, pg X05. (cited in paper no. 20041114)	
		Physics Web 00/05/2005, "Hydrogen results causes controversy"	
/SK/		Popov, "Electrochemical Characterization of BlackLight Power, Inc. MH as Electrodes for Li-ion Batteries." Department of Chemical Engineering University of South Carolina, Feb 2000.	
/SK/		Powell et al. <i>Quantum Mechanics</i> , Addison-Weskey Publishing Co., Inc., pp. 205-229 and 478-482, 1961 (no month)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	13	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Real Climate, 20 January 2005, "Peer Review: A Necessary But Not Sufficient Condition," < http://www.realclimate.org/index.php?p=109 >	
		Rothwell, "Italy: Gold Fuelon & Judge's Verdict," NEN, Vol 4, No 1, March 26, 1996, available at www.padrak.com/ine/CFLIBEL.html, pp. 9-11. (cited in paper no. 12, without author's name)	
/SK/		Shermer, "Baloney Detection", <i>Scientific American</i> , November 2001	
		E-K Souw, Ph.D. Thesis 1981, University of Dusseldorf, Germany, titled "Investigations of Transport Phenomena in the Wall Region of a Helium Plasma by Means of Spectroscopic Methods."	
		E-K Souw, "Anomalous Broadening and Splitting of Hel and Arg lines in microwave plasmas," unpublished data, 12/01/2003.	
		Grieland, et. al. "The cosmic microwave background radiation temperature at a redshift of 2.34." NATURE, Vol 408, Dec 2000, pp. 931-935.	
		Thermacore, Inc. "GBIR Phase I Nascent Hydrogen: An Energy Source." Final Report, March 1994. (cited in 1449 of 8/7/2002)	
		Thorne, et. al. "Recombination during the Electrolysis of Light Water in 0.6 M K₂CO₃ Can It Account for the Reports of Excess Heat?" <i>Departments of Physics and Chemistry, Brigham Young University</i>, June 1993. (cited in 1449 of 8/7/2002)	
Examiner Signature	/Stephen Kalafut/		Date Considered
			12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	14	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Time 2 wake up: "New Power SOURCE that turns physics on its head," 11/09/2005.	
/SK/		Turner. "Declaration of Dr. Gary L. Turner." 24 August 2004.	
		U.S. Department of Commerce, Summary of Ethics Rules, USPTO, 2000, October 16, 2004	
		Welcome to MIT's OpenCourseWare Home Page. MIT 2005. http://ocw.mit.edu/index.html	
/SK/		Wikipedia, Chapter 9: "Peer Review and Fraud," < http://en.wikipedia.org/wiki/peer_review#peer_review_and_fraud > (no date)	
/SK/		"XPS (EASC) –SAM," http://www.noveonic.com/measurementscience/analyticalservices/xpsescasam.pdf (no date)	
		Yamaguchi et. al. "Direct Evidence... Palladium." NTT Basic Research Laboratories, 1992 pp. 1-10. (cited on paper no. 12)	
		On pages 5-14, cross-out indicates that copy has not been received, unless otherwise noted.	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	15	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		116. K. Akhtar, J. Scharer, R. L. Mills, "Substantial Doppler Broadening of Atomic Hydrogen Lines in DC and Capacitively Coupled RF Plasmas," IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: June 6, 2006.)		
		115. R.L. Mills, H. Zea, J. He, B. Dhandapani, "Water Bath Calorimetry on a Catalytic Reaction of Atomic Hydrogen," International Journal of Hydrogen Energy, in press. (Internet Publication Date: May 12, 2006)		
		114. R.L. Mills, K. Akhtar, B. Dhandapani, "Tests of Features of Field-Acceleration Models for the Extraordinary Selective H Balmer α Broadening in Certain Hydrogen Mixed Plasmas," J. Plasma Phys., submitted. (Internet Publication Date: June 24, 2005.)		
		113. R.L. Mills, "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States," Physics Essay, in press. (Internet Publication Date: June 9, 2005.)		
		112. R. L. Mills, J. He, Y. Lu, Z. M. Nansteel, Chang, B. Dhandapani, "Comprehensive Identification and Potential Applications of New States of Hydrogen," Int. J. Hydrogen Energy, Vol. 32, (2007), 2988–3009. (Internet Publication Date: May 9, 2005.)		
		111. R. L. Mills, J. He, Z. Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrogen Species H ⁺ (1/4) and H ₂ (1/4) as a New Power Source," International Journal of Hydrogen Energy, Vol. 32(13), (2007), pp. 2573–2584. (Internet Publication Date: May 6, 2005.)		
		110. R. L. Mills, J. He, Z. Chang, W. Good, Y. Lu, B. Dhandapani, "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source," Prepr. Pap.—Am. Chem. Soc., Div. Fuel Chem. 2005, 50(2). (Internet Publication Date: April 22, 2005.)		
		109. R. L. Mills, M. Nansteel, J. He, B. Dhandapani, "Low-Voltage EUV and Visible Light Source Due to Catalysis of Atomic Hydrogen," J. Plasma Physics, submitted. (Internet Publication Date: April 15, 2005.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	16	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		108. R. L. Mills, J. He, M. Nansteel, B. Dhandapani, "Catalysis of Atomic Hydrogen to New Hydrides as a New Power Source," International Journal of Global Energy Issues (IJGEI), Special Edition in Energy Systems, in press. (Internet Publication Date: April 4, 2005.)		
		107. R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," Physics Essays, in press. (Internet Publication Date: October 28, 2004.)		
		106. R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," Physics Essays, submitted. (Internet Publication Date: October 28, 2004.)		
		105. J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," International Journal of Hydrogen Energy, Vol. 32, (2007), 3010–3025. (Internet Publication Date: September 7, 2004.)		
		104. R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228th American Chemical Society National Meeting, August 22–26, 2004, Philadelphia, PA.		
		103. R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K ₂ CO ₃ Electrolysis Gases," Chemical Engineering Science, submitted. (Internet Publication Date: April 28, 2004.)		
		102. R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," Phys. Essays, Vol. 18, No. 3 (2005), 321–361. (Internet Publication Date: April 22, 2004.)		
		101. Mills et al. "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Chemistry of Solid, Liquid, and Gaseous Fuels, 227th American Chemical Society National Meeting, March 28-April 1, 2004, Anaheim, CA.		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	17	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		100. Mills et al., "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, 94/2-3, (2005), pp. 298-307. (Internet Publication Date: Nov. 17, 2003.)	
		99. Mills et al., "Spectral Identification of H ₂ (1/2)," submitted.	
		98. R. L. Mills, Y. Lu, J. He, M. Nansteel, P. Ray, X. Chen, A. Voigt, B. Chandapani, "Spectral Identification of New States of Hydrogen," New Journal of Chemistry, submitted. (Internet Publication Date: Nov. 18, 2003.)	
		97. Mills et al., "Evidence of an Energy Transfer Reaction Between Atomic Hydrogen and Argon II or Helium II as the Source of Excessively Hot H Atoms in RF Plasmas," Journal of Plasma Physics, Vol. 72, Issue 4, (2006), pp. 469-484. (Internet Publication Date: Sept. 26, 2003.)	
		96. Mills et al., "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Catalytic Reactions Between Hydrogen and Oxygen Species," J. Plasma Phys., submitted. (Internet Publication Date: Sept. 12, 2003.)	
		95. Mills et al., "Excessive Balmer α Line Broadening of Water-Vapor Capacitively-Coupled RF Discharge Plasmas," IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: Aug. 18, 2003.)	
		94. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, Vol. 17, (2004), pp. 342-389. (Internet Publication Date: Aug. 6, 2003.)	
		93. Mills et al., "Energetic Catalyst-Hydrogen Plasma Reaction Forms a New State of Hydrogen," Doklady Chemistry, submitted.	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	18	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		92. Mills et al., "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Central European Journal of Physics, submitted. (Internet Publication Date: June 6, 2003.)	
		91. R. Mills, P. Ray, "New H I Laser Medium Based on Novel Energetic Plasma of Atomic Hydrogen and Certain Group I Catalysts," J. Plasma Physics, submitted.	
		90. Mills et al., "Characterization of Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Am. Chem. Soc. Div. Fuel Chem. Prepr., Vol. 48, No. 2, (2003).	
		89. Mills et al., "Hydrogen Plasmas Generated Using Certain Group I Catalysts Show Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride," Fizika A, submitted.	
		88. Mills et al., "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, 478, (2005) pp. 77-90. (Internet Publication Date: Dec. 22, 2003.)	
		87. Mills et al., "Liquid-Nitrogen-Condensable Molecular Hydrogen Gas Isolated from a Catalytic Plasma Reaction," J. Phys. Chem. B, submitted.	
		86. Mills et al., "Novel Spectral Series from Helium-Hydrogen Evenson Microwave Cavity Plasmas that Matched Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," European Journal of Physics, submitted. (Internet Publication Date: April 24,	
		85. Mills et al., "Highly Pumped Inverted Balmer and Lyman Populations," New Journal of Physics, submitted.	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	19	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		84. Mills et al., "Comparison of Balmer α Line Broadening and Power Balances of Helium-Hydrogen Plasma Sources," Braz. J. Phys., submitted. (Internet Publication Date: March 12, 2003.)		
		83. Mills et al., "Comparison of Water-Plasma Sources of Stationary Inverted Balmer and Lyman Populations for a CW HI Laser," J. Appl. Spectroscopy, in preparation.		
		82. Mills et al., "Synthesis and Characterization of Diamond Films from MPCVD of an Energetic Argon-Hydrogen Plasma and Methane," Journal of Materials Science, submitted. (Internet Publication Date: May 7, 2003.)		
		81. R. Mills, et. al., "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), pp. 83-104. (Internet		
		80. Mills, "The Fallacy of Feynman's Argument on the Stability of the Hydrogen Atom According to Quantum Mechanics," Annales De La Fondation Louis De Broglie, Vol. 30, No. 2, (2005), pp. 129-151. (Internet Publication Date: Jan. 27, 2003.)		
		79. Mills et al., "Comparison of Catalysts and Microwave Plasma Sources of Vibrational Spectral Emission of Fractional-Rydberg-State Hydrogen Molecular Ion," Canadian Journal of Physics, submitted.		
		78. Mills et al., "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Molecular Hydrogen", J. of the Physical Society of Japan, submitted. (Internet Publication Date: Sept. 9, 2002.)		
		77. Mills et al., "Water Bath Calorimetric Study of Excess Heat in 'Resonant Transfer' Plasmas," Journal of Applied Physics, Vol. 96, No. 6, (2004), pp. 3095-3102. (Internet Publication Date: June 16, 2003.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	20	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		76. Mills et al., "Comparison of Catalysts and Microwave Plasma Sources of Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," Journal of Applied Spectroscopy, submitted. (Internet Publication Date: Feb. 12, 2002.)		
		75. Mills et al., "Novel Liquid-Nitrogen-Condensable Molecular Hydrogen Gas," Acta Physica Polonica A, submitted. (Internet Publication Date: Oct. 29, 2002.)		
		74. Mills et al., "Spectroscopic Study of Unique Line Broadening and Inversion in Low Pressure Microwave Generated Water Plasmas," Journal of Plasma Physics, Vol. 71, Part 6, (2005), pp. 877-78. (Internet Publication Date: June 18, 2003.)		
		73. Mills et al., "Energetic Helium-Hydrogen Plasma Reaction," AIAA Journal, submitted. (Internet Publication Date: July 26, 2002.)		
		72. R. L. Mills, M. Nansteel, P. C. Ray, "Bright Hydrogen-Light and Power Source due to a Resonant Energy Transfer with Strontium and Argon Ions," Vacuum, submitted.		
		71. Mills et al., "Power Source Based on Helium-Plasma Catalysis of Atomic Hydrogen to Fractional Rydberg States," Contributions to Plasma Physics, submitted.		
		70. Mills et al., "Comparison of Catalysts and Plasma Sources of Vibrational Spectral Emission of Fractional-Rydberg-State Hydrogen Molecular Ion," The European Journal of Applied Physics, submitted. (Internet Publication Date: Sept. 2, 2002.)		
		69. Mills et al., "Spectroscopic Characterization of the Atomic Hydrogen Energies and Densities and Carbon Species During Helium-Hydrogen-Methane Plasma CVD Synthesis of Diamond Films," Chemistry of Materials, Vol. 15, (2003), pp. 1313-1321. (Internet Publication Date: Dec. 31, 2002.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	21	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		68. Mills, et. al. "Stationary Inverted Balmer and Lyman Populations for a CW HI Water-Plasma Laser." IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: August 16, 2002)	
		67. Mills et al., "Extreme Ultraviolet Spectroscopy of Helium-Hydrogen Plasma," J. Phys. D, Vol. 36, (2003), pp. 1535–1542. (Internet Publication Date: July 17, 2002.)	
		66. Mills et al., "Spectroscopic Evidence for a Water-Plasma Laser," Europhysics Letters, submitted. (Internet Publication Date: Sept. 19, 2002.)	
		65. Mills et al., "Spectroscopic Evidence for Highly Pumped Balmer and Lyman Populations in a Water-Plasma," J. of Applied Physics, submitted. (Internet Publication Date: Sept. 18, 2002.)	
		64. Mills et al., "Low Power MPCVD of Diamond Films on Silicon Substrates," Journal of Vacuum Science & Technology A, submitted. (Internet Publication Date: June 26, 2002.)	
		63. Mills et al., "Plasma Power Source Based on a Catalytic Reaction of Atomic Hydrogen Measured by Water Bath Calorimetry," Thermochemica Acta, Vol. 406, Issue 1–2, (2003), pp. 35–53. (Internet Publication Date: June 25, 2002.)	
		62. Mills et al., "Synthesis and Spectroscopic Identification of Lithium Chloro Hydride," Inorganica Chimica Acta, submitted.	
		61. Mills et al., "Highly Stable Amorphous Silicon Hydride," Solar Energy Materials & Solar Cells, Vol. 80, No. 1, (2003), pp. 1–20. (Internet Publication Date: April 15, 2002.)	
Examiner Signature	/Stephen Kalafut/		Date Considered
			12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	22	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		68. Mills et al., "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, Vol. 39, (2004), pp. 3309-3318. (Internet Publication Date: May 3, 2002.)		
		59. Mills et al., "The Potential for a Hydrogen Water-Plasma Laser," Applied Physics Letters, Vol. 82, No. 11, (2003), pp. 1679-1681. (Internet Publication Date: July 11, 2002.)		
		58. Mills, "Classical Quantum Mechanics," Physics Essays, Vol. 16, (2003), pp. 433-498. (Internet Publication Date: May 23, 2002.)		
		57. Mills, et. al. "Spectroscopic Characterization of Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride Ion Formed by a Catalytic Reaction of Atomic Hydrogen and Certain Group I Catalysts, J. of Quantitative Spectroscopy		
		56. R. M. Mayo, R. Mills, "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity for Microdistributed Power Applications," 40th Annual Power Sources Conference, Cherry Hill, NJ, June 10-13, (2002), pp. 1-4. (Internet Publication Date: March 28, 2002.)		
		55. Mills et al., "Chemically-Generated Stationary Inverted Lyman Population for a CW HI Laser," European J of Phys. D, submitted. (Internet Publication Date: April 22, 2002.)		
		54. Mills et al., "Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts," J. Phys. D, Applied Physics, Vol. 36, (2003), pp. 1504-1509. (Internet Publication Date: March 20, 2002) also submitted to Chem Phys. Letts.		
		53. Mills, "A Maxwellian Approach to Quantum Mechanics Explains the Nature of Free Electrons in Superfluid Helium." Braz. J. Phys, submitted. (Internet Publication Date: June 4, 2002)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	23	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		52. Mills et al., "Bright Hydrogen-Light Source due to a Resonant Energy Transfer with Strontium and Argon Ions," New Journal of Physics, Vol. 4, (2002), pp. 70.1–70.28. (Internet Publication Date: October, 2002)		
		51. Mills et al., "CW HI Laser Based on a Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Group I Catalysts," IEEE Transactions on Plasma Science, Vol. 31, No. 2, (2003), pp. 236–247. (Internet Publication Date: Feb. 4, 2002.)		
		50. Mills et al., "Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," Vibrational Spectroscopy, Vol. 31, No. 2, (2003), pp. 195–213.		
		49. Mills et al., "Comparison of Excessive Balmer Line Broadening of Inductively and Capacitively Coupled RF, Microwave, and Glow Discharge Hydrogen Plasmas with Certain Catalysts," IEEE Transactions on Plasma Science, Vol. 31, No. 3, (2003), pp. 338–355.		
		48. Mills et al., "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity," IEEE Transactions on Plasma Science, October, (2002), Vol. 30, No. 5, pp. 2066–2073. (Internet Publication Date: March 26, 2002.)		
		47. H. Conrads, R. Mills, Th. Wrubel, "Emission in the Deep Vacuum Ultraviolet from a Plasma Formed by Incandescently Heating Hydrogen Gas with Trace Amounts of Potassium Carbonate," Plasma Sources Science and Technology, Vol. 12, (2003), pp. 389.		
		46. Mills et al., "Emission in the Deep Vacuum Ultraviolet from a Plasma Formed by Incandescently Heating Hydrogen Gas with Trace Amounts of Potassium Carbonate," Plasma Sources Science and Technology, Vol. 12, (2003), pp. 389–395.		
		45. Mills et al., "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride as the Product of a Catalytic Helium-Hydrogen Plasma Reaction," Int. J. Hydrogen Energy, Vol. 28, No. 12, (2003), pp. 1401–1424. (Internet Publication Date: April 15, 2002.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	24	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		44. Mills, et. al. "Synthesis and Characterization of Lithium Chloro Hydride", <i>International Journal of Hydrogen Energy</i> , submitted. (Internet Publication Date: January 7, 2002.)	
		43. Mills et al., "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen," <i>New Journal of Physics</i> , www.njp.org, Vol. 4, (2002), pp. 22.1–22.17. (Internet Publication Date: Dec. 27, 2001.)	
		42. Mills et al., "A Comprehensive Study of Spectra of the Bound-Free Hyperfine Levels of Novel Hydride Ion, Hydrogen, Nitrogen, and Air," <i>Int. J. Hydrogen Energy</i> , Vol. 28, No. 8, (2003), pp. 825–871. (Internet Publication Date: Nov. 14, 2001.)	
		41. Mills et al., "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Energy Density Batteries," <i>Proceedings of the 17th Annual Battery Conference on Applications and Advances</i> , California State University, Long Beach, CA, (January 15-18, 2002), pp. 1–6.	
		40. Mills et al., "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Microdistributed Power Applications," <i>IEEE Transactions on Plasma Science</i> , August, (2002), Vol. 30, No. 4, pp. 1568–1578. (Internet Publication Date: Nov. 12, 2001.)	
		39. Mills et al., "Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride Ion Formed by an Exothermic Catalytic Reaction of Atomic Hydrogen and Certain Group I Catalysts," <i>J. Phys. Chem. A</i> , submitted. (Internet Publication Date: Nov. 13, 2001.)	
		38. Mills et al., "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis," <i>Electrochimica Acta</i> , Vol. 47, No. 24, (2002), pp. 3909–3926. (Internet Publication Date: June 13, 2002.)	
		37. Mills et al., "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts," <i>J. of Applied Physics</i> , (2002), Vol. 92, No. 12, pp. 7008–7022. (Internet Publication Date: Oct. 9, 2002.)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	25	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		36. Mills et al., "Emission Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen Formed by a Catalytic Helium-Hydrogen Plasma Reaction," Vacuum, submitted. (Internet Publication Date: Oct. 9, 2001.)	
		35. Mills et al., "New Power Source from Fractional Rydberg States of Atomic Hydrogen," Current Appl. Phys., submitted. (Internet Publication Date: Oct. 9, 2001.)	
		34. Mills et al., "Spectroscopic Identification of Transitions of Fractional Rydberg States of Atomic Hydrogen," J. of Quantitative Spectroscopy and Radiative Transfer, in press. (Internet Publication Date: Oct. 9, 2001.)	
		33. Mills et al., "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion," J Mol. Struct., Vol. 643, No. 1-3, (2002), pp. 43-54. (Internet Publication Date: Oct. 10, 2001.)	
		32. Mills et al., "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product," Int. J. Hydrogen Energy, Vol. 27, No. 9, (2002), pp. 927-935. (Internet Publication Date: Sept. 19, 2001.)	
		31. Mills et al., "Measurement of Energy Balances of Noble Gas-Hydrogen Discharge Plasmas Using Calvet Calorimetry," Int. J. Hydrogen Energy, Vol. 27, No. 9, (2002), pp. 967-978. (Internet Publication Date: Sept. 14, 2001.)	
		30. Mills et al., "Measurement of Hydrogen Balmer Line Broadening and Thermal Power Balances of Noble Gas-Hydrogen Discharge Plasmas," Int. J. Hydrogen Energy, Vol. 27, No. 6, (2002), pp. 671-685. (Internet Publication Date: Aug. 22, 2001.)	
		29. Mills et al., "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion," Int. J. Hydrogen Energy, Vol. 27, No. 5, (2002), pp. 533-564. (Internet Publication Date: July 19, 2001.)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	26	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		28. Mills et al., "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter," Int. J. Hydrogen Energy, (2002), Vol. 27, No. 3, pp. 301-322. (Internet Publication Date: Aug. 1, 2001.)		
		27. Mills, et. al. "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", International Journal of Hydrogen Energy, Vol. 27, No. 2, (2002), pp. 183-192. (Internet Publication Date: January 11, 2002)		
		26. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity," Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, Hydrogen: The Common		
		25. Mills, et. al. "Minimum heat of formation of potassium iodo hydride." International Journal of Hydrogen Energy, Vol 26, 2001, pp. 1199-1208. (Internet Publication Date: March 23, 2001)		
		24. Mills, et al. "Stereoscopic Identification of a Novel Catalytic Reaction of Atomic Hydrogen and the hydride ion product." International Journal of Hydrogen Energy, Vol. 26. 2001. pp.1041-1058. (Internet Publication Date: March 23, 2001.)		
		23. Mills et al., "Optically Measured Power Balances of Glow Discharges of Mixtures of Argon, Hydrogen, and Potassium, Rubidium, Cesium, or Strontium Vapor," Int. J. Hydrogen Energy, Vol. 27, No. 6, (2002), pp. 651-670. (Internet Publication Date: July 20, 2001.)		
		22. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," Global Foundation, Inc. Orbis Scientide entitled The Role of Attractive and Repulsive Gravitational Forces in Cosmic Acceleration of Particles The Origin of the Cosmic Gamma Ray Bursts, (29th		
		21. Mills "The Grand Unified Theory of Classical Quantum Mechanics," Int. J. Hydrogen Energy, Vol. 27, No. 5, (2002), pp. 565-590. (Internet Publication Date: Sept. 17, 2001.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	27	Of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		20. Mills et al., "Argon-Hydrogen-Strontium Discharge Light Source," IEEE Transactions on Plasma Science, Vol. 30, No. 2, (2002), pp. 639–653. (Internet Publication Date: Dec. 7, 2000.)	
		19. Mills et al., "Identification of Compounds Containing Novel Hydride Ions by Nuclear Magnetic Resonance Spectroscopy," Int. J. Hydrogen Energy, Vol. 26, No. 9, (2001), pp. 965–979. (Internet Publication Date: March 22, 2001.)	
		18. Mills, "BlackLight Power Technology-A New Clean Energy Source with the Potential for Direct Conversion to Electricity," Global Foundation International Conference on "Global Warming and Energy Policy," Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL,	
		17. Mills, "The Nature of Free Electrons in Superfluid Helium—a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comparison to Classical Theory," Int. J. Hydrogen Energy, Vol. 26, No. 10, (2001), pp. 1059–1096. (Internet Publication Date: Dec. 11,	
		16. Mills et al., "Excessively Bright Hydrogen-Strontium Plasma Light Source Due to Energy Resonance of Strontium with Hydrogen," J. of Plasma Physics, Vol. 69, (2003), pp. 131–158. (Internet Publication Date: Aug. 27, 2001.)	
		15. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Certain Catalysts," Int. J. Hydrogen Energy, Vol. 25, (2000), pp. 919–943. (Internet Publication Date: June 27, 2000.)	
		14. R. Mills, "Observation of Extreme Ultraviolet Emission from Hydrogen-KI Plasmas Produced by a Hollow Cathode Discharge," Int. J. Hydrogen Energy, Vol. 26, No. 6, (2001), pp. 579–592. (Internet Publication Date: July 10, 2000.)	
		13. Mills, "Temporal Behavior of Light-Emission in the Visible Spectral Range from a Ti-K ₂ CO ₃ -H-Cell," Int. J. Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 327–332. (Internet Publication Date: July 10, 2000.)	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	28	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		12. Mills et al., "Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen-Catalyst Gas Mixture with an Anomalous Afterglow Duration," Int. J. Hydrogen Energy, Vol. 26, No. 7, July, (2001), pp. 749-762. (Internet Publication Date: June 28, 2000.)		
		11. Mills et al., "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 309-326. (Internet Publication Date: June 27, 2000.)		
		10. Mills et al., "Synthesis and Characterization of Potassium Iodo Hydride," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1185-1203. (Internet Publication Date: Nov. 12, 2001.)		
		9. Mills. "Novel inorganic hydride." International Journal of Hydrogen Energy, Vol 25, 2000, pp. 669-683. (Internet Publication Date: June 28, 2000)		
		8. Mills et al., "Synthesis and Characterization of Novel Hydride Compounds," Int. J. of Hydrogen Energy, Vol. 26, No. 4, (2001), pp. 339-367. (Internet Publication Date: June 13, 2001.)		
		7. R. Mills, "Highly Stable Novel Inorganic Hydrides," Journal of New Materials for Electrochemical Systems, Vol. 6, (2003), pp. 45-54. (Internet Publication Date: Nov. 20, 2001.)		
		6. R. Mills, "Novel Hydrogen Compounds from a Potassium Carbonate Electrolytic Cell," Fusion Technology, Vol. 37, No. 2, March, (2000), pp. 157-182. (Internet Publication Date: June 26, 2000.)		
		5. Mills, "The Hydrogen Atom Revisited," Int. J. of Hydrogen Energy, Vol. 25, Issue 12, December, (2000), pp. 1171-1183. (Internet Publication Date: June 27, 2000.)		
Examiner Signature	/Stephen Kalafut/		Date Considered	12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Attachments 83 and 93 have not been
received. All others from 3 to 116
are already of record.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	29	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		4. Mills et al., "Fractional Quantum Energy Levels of Hydrogen," Fusion Technology, Vol. 28, No. 4, November, (1995), pp. 1697-1719. (Internet Publication Date: Nov. 1, 2001.)	
		5. Mills et al., "Dihydro Molecule Identification," Fusion Technology, Vol. 25, 403-410 (Jan. 1994). (Internet Publication Date: April 11, 2001.)	
		Mills Technologies, "4KW Heat Exchanger System," Thermacore, Inc., Oct 14 1991, pp. 1-6 (cited in paper no. 12)	
		Mills Technologies, "4KW Heat Exchanger System," Thermacore, Inc., April 17, 1992, pp. 1-6 (cited in paper no. 12)	
/SK/		Mills, "Classical Quantum Mechanics." Physica Scripta, submitted. (no date)	
		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com. (cited in paper no. 36)	
		Mills, et. al. "Excess Heat Production... Cold Fusion," Fusion Technology, Vol 20, Feb 1991, pp. 65-81. (no copy received)	
		Mills, et. al. Fusion Technol. Vol 20, 65 (1991) Internet Publication Date 4/11/01 (no copy received)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/008,947	
			Filing Date	01/20/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	30	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SK/		Mills, "Author's response 'A possible trick of Hydride atom'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, p. 1225. (no month)	
/SK/		Mills, "BLACKLIGHT POWER TECHNOLOGY: A New Clean Energy Source with the Potential for Direct Conversion to Electricity," <i>International Conference on Global Warming and Energy Policy</i> , Ft. Lauderdale, Florida, November 26-28, 2000. Internet Publication 1/19/01	
		Mills, "Hydro-catalysis Power Technology," Statement of Dr. Randall L. Mills, May, 1992. (no copy received)	
/SK/		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 1-9 (no date)	
		Mills, "Unification of Opacetime, the Forces, Matter, Energy, Hydro-catalysis Power Corporation," 1992, pp. 53-84. (no copy received)	
		Mills, "Author's response to 'Hydrino atom: novel chemistry or invalid physics'," <i>International Journal of Hydrogen Energy</i>, Vol 26, 2001, pp. 1233. (no copy received)	
/SK/		Mills, "Author's response to 'Hydrino theory- a proposed amendment'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, pp. 1229-1231. (no month)	
/SK/		Mills, "Power Spectrum of the Cosmic Microwave Background" <i>BlackLight Power, Inc.</i> 2001. (no month)	
Examiner Signature	/Stephen Kalafut/		Date Considered
		12/13/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	31	of	34	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 13-14, BlackLight Power, Inc., pp. 433-440, 2001. (no copy received)	
Examiner Signature	/Stephen Kalafut/		Date Considered 12/13/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete If Known	
	Application Number	09/008,947
	Filing Date	01/20/1998
	First Named Inventor	Mills
	Group Art Unit	1745
	Examiner Name	Kalafut
Sheet 32 of 34	Attorney Docket Number	62-226-8A2

RECEIVED
JAN 10 2002

JC 1700

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/		H. Conrads, R. Mills, Th. Wrubel, "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", Plasma Sources Science and Technology, submitted.
/		R. L. Mills, P. Ray, "Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Chem. Phys. Letts., submitted.
/		R. L. Mills, B. Dhandapani, J. He, "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride", Int. J. Hydrogen Energy, submitted.
/		R. L. Mills, A. Voigt, B. Dhandapani, J. He, "Synthesis and Characterization of Lithium Chloro Hydride", Int. J. Hydrogen Energy, submitted.
/		R. L. Mills, P. Ray, "Substantial Changes in the Characteristics of a Microwave Plasma Due to Combining Argon and Hydrogen", New Journal of Physics, submitted.
/		R. L. Mills, P. Ray, "High Resolution Spectroscopic Observation of the Bound-Free Hyperfine Levels of a Novel Hydride Ion Corresponding to a Fractional Rydberg State of Atomic Hydrogen", Int. J. Hydrogen Energy, in press.
/		R. L. Mills, E. Dayalan, "Novel Alkali and Alkaline Earth Hydrides for High Voltage and High Energy Density Batteries", Proceedings of the 17 th Annual Battery Conference on Applications and Advances, California State University, Long Beach, CA, (January 15-18, 2002), in press.
/		R. Mayo, R. Mills, M. Nansteel, "On the Potential of Direct and MHD Conversion of Power from a Novel Plasma Source to Electricity for Microdistributed Power Applications", IEEE Transactions on Plasma Science, submitted.

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

All cites on pages 32-34 were
previously cited in paper no. 36.



PTO/SB/08B (Modified)

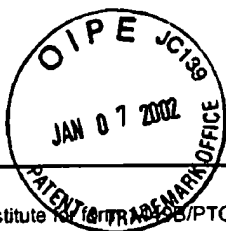
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
Examiner Name	Kalafut				
Sheet	1 33	of	34	Attorney Docket Number	62-226-8A2

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/		R. Mills, P. Ray, J. Dong, M. Nansteel, W. Good, P. Jansson, B. Dhandapani, J. He, "Excessive Balmer Line Broadening, Power Balance, and Novel Hydride Ion Product of Plasma Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Int. J. Hydrogen Energy, submitted
/		R. Mills, E. Dayalan, P. Ray, B. Dhandapani, J. He, "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis", Japanese Journal of Applied Physics, submitted
/		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts", Chem. Phys., submitted.
/		R. L. Mills, P. Ray, B. Dhandapani, J. He, "Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen", J. of Phys. Chem. (letter), submitted.
/		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Rydberg States of Atomic Hydrogen", Chem. Phys. Letts., submitted.
/		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "Spectroscopic Identification of Transitions of Fractional Rydberg States of Atomic Hydrogen", Quantitative Spectroscopy and Energy Transfer, submitted.
/		R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion", Spectrochimica Acta, Part A, submitted.
/		R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, in press.

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B (Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/008,947		
		Filing Date	01/20/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
Examiner Name	Kalafut				
Sheet	34	of	34	Attorney Docket Number	

RECEIVED

JAN 10 2002

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
/		R. Mills, J. Dong, W. Good, P. Ray, J. He, B. Dhandapani, "Measurement of Energy Balances of Noble Gas-Hydrogen Discharge Plasmas Using Calvet Calorimetry", Int. J. Hydrogen Energy, in press.
/		R. L. Mills, A. Voigt, P. Ray, M. Nansteel, B. Dhandapani, "Measurement of Hydrogen Balmer Line Broadening and Thermal Power Balances of Noble Gas-Hydrogen Discharge Plasmas", Int. J. Hydrogen Energy, in press.
/		R. Mills, P. Ray, "Vibrational Spectral Emission of Fractional-Principal-Quantum-Energy-Level Hydrogen Molecular Ion", Int. J. Hydrogen Energy, in press.
/		R. Mills, P. Ray, "Spectral Emission of Fractional Quantum Energy Levels of Atomic Hydrogen from a Helium-Hydrogen Plasma and the Implications for Dark Matter", Int. J. Hydrogen Energy, Vol. 27, No. 3, (2002) pp. 301-322.
/		R. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Potassium and Atomic Hydrogen and the Hydride Ion Product", Int. J. Hydrogen Energy, Vol. 27, No. 2, (2002), pp. 183-192.
/		R. Mills, "BlackLight Power Technology-A New Clean Hydrogen Energy Source with the Potential for Direct Conversion to Electricity", Proceedings of the National Hydrogen Association, 12 th Annual U.S. Hydrogen Meeting and Exposition, <i>Hydrogen: The Common Thread</i> , The Washington Hilton and Towers, Washington DC, (March 6-8, 2001), pp. 671-697.
/		Keith Keefer, Ph.D., "Interim Report on BlackLight Power Technology: Its Apparent Scientific Basis, State of Development and Suitability for Commercialization by Liebert Corporation"
/		R. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," (2001), Distributed by Amazon.Com.

TC 1700₁₂

Examiner Signature	/Stephen Kalafut/	Date Considered	12/13/2007
--------------------	-------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.